

**A NEW U.S. RECORD FOR
GLENANTHE INTERIOR CHILLCOTT
(DIPTERA: EPHYDRIDAE)¹**

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ABSTRACT: *Glenanthe interior* Chillcott has previously been reported only from Manitoba, Canada. This paper reports its presence in the United States and notes some differences from other North American species.

DESCRIPTORS: Diptera; Ephydriidae; *Glenanthe*.

A survey of the ephydrid fauna of southern Ohio was conducted during 1974 and 1975. One species was collected which has not been previously reported in the United States.

Glenanthe interior Chillcott was first collected in southern Manitoba (Chillcott, 1964). The type-locality, the Bald Head Hills, is a region of active sand dunes in a spruce-covered area representing the shores of Pleistocene Lake Agassiz. The holotype and several other specimens were swept from *Petalostemum* sp. (prairie clover) on the sand dunes, June 21, 1958.

A single female was taken at Hueston Woods State Park, Butler Co., Ohio (39° 33.4'N, 84° 43.9'W) July 2, 1975. The habitat was a fairly stable sedge meadow within a seepage area below Acton Lake dam.

Wirth (1965) lists two species of *Glenanthe* Haliday for North America (*G. interior* being described after publication of the catalog). The geographic range of these two is apparently limited to coastal regions. *G. fascipennis* Sturtevant and Wheeler has been reported from Texas (Sturtevant and Wheeler, 1954). Probably the most common North American species, *G. litorea* Cresson has been collected from Alaska to Central America, and from New Brunswick to Florida (Cresson, 1925, 1942; Sturtevant and Wheeler, 1954; Wirth, 1965).

G. interior differs from *G. fascipennis* in the following morphological characters (Chillcott, 1964):

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- 1) Distinct brown pleura with a pale gray transverse vitta just below the middle of the mesopleuron;
- 2) Distinct brown spots at the bases of most bristles;
- 3) Usually a complete spurious crossvein between veins R_{2+3} and R_{4+5} ;
- 4) Strong proclinate orbitals;
- 5) A different pattern in placement of the wing markings.

Unmarked wings constitutes the most conspicuous intrageneric character for *G. litorea*.

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